



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**1200 Pennsylvania Avenue, N.W.**  
**Washington, DC 20460**

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

**Data Matrix**

**Date:** 2/14/2020 **EPA Reg. No./File Symbol:** 72265-U **Page 1 of 5**

**Applicant's/Registrant's Name and Address:** Security Equipment Corporation  
 c/o RegWest Company LLC: 8209 West 20th Street, Suite B; Greeley, CO 80634-4699

**Product Name:**  
 Frontiersman Bear Attack Deterrent II (TGA)

**Ingredient(s):** 2% Capsaicin and related capsaicinoids (CAS Number 8023-77-6)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.1550	Product identity and composition	510482-01	Security Equipment Corporation	OWN	
830.1600	Description of materials used to produce the product	510482-01	Security Equipment Corporation	OWN	
830.1620	Description of production process	510482-01	Security Equipment Corporation	OWN	
830.1650	Description of formulation process	510482-01	Security Equipment Corporation	OWN	
830.1670	Discussion of formulation of impurities	510482-01	Security Equipment Corporation	OWN	
830.1750	Certified limits	510482-01	Security Equipment Corporation	OWN	
830.6302	Color	508995-02	Security Equipment Corporation	OWN	
830.6303	Physical state	508995-02	Security Equipment Corporation	OWN	
830.6304	Odor	508995-02	Security Equipment Corporation	OWN	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions	508995-02	Security Equipment Corporation	OWN	
830.6315	Flammability	508995-03	Security Equipment Corporation	OWN	
830.7050	UV/visible light absorption	508995-02	Security Equipment Corporation	OWN	
830.7100	Viscosity	508995-03	Security Equipment Corporation	OWN	
830.7220	Boiling point/boiling range	508995-02	Security Equipment Corporation	OWN	
830.7300	Density/relative density/bulk density	508995-02	Security Equipment Corporation	OWN	
830.7570	Partition coefficient (n-octanol/water)	508995-02	Security Equipment Corporation	OWN	
830.7950	Vapor pressure	508995-04	Security Equipment Corporation	OWN	
835.1230	Sediment and soil adsorption/desorption	510482-06	Security Equipment Corporation	OWN	1
835.1240	Soil column leaching	510482-06	Security Equipment Corporation	OWN	1
835.1410	Laboratory volatilization from soil	510482-06	Security Equipment Corporation	OWN	1
835.2120	Hydrolysis	510482-06	Security Equipment Corporation	OWN	1
835.2240	Photodegradation in water	510482-06	Security Equipment Corporation	OWN	1
835.2410	Photodegradation on soil	510482-06	Security Equipment Corporation	OWN	1

**Signature:**

**Name and Title:**

Kim Davis, Consultant/Agent

**Date:**

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 Frontiersman Bear Attack Deterrent II (TGA)

**Ingredient(s):** 2% Capsaicin and related capsaicinoids (CAS Number 8023-77-6)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
835.4100	Aerobic soil metabolism	510482-06	Security Equipment Corporation	OWN	1
835.4200	Anaerobic soil metabolism	510482-06	Security Equipment Corporation	OWN	1
835.4300	Aerobic aquatic metabolism	510482-06	Security Equipment Corporation	OWN	1
835.4400	Anaerobic aquatic metabolism	510482-06	Security Equipment Corporation	OWN	1
850.1010	Aquatic invertebrate acute toxicity, freshwater	510482-06	Security Equipment Corporation	OWN	1
850.1025	Marine/estuarine fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1035	Marine/estuarine fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1045	Marine/estuarine fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1055	Marine/estuarine fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1075	Fish acute toxicity, freshwater	510482-06	Security Equipment Corporation	OWN	1
850.1300	Freshwater fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1350	Marine/estuarine fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1400	Freshwater fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1400	Marine/estuarine fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1500	Freshwater fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1500	Marine/estuarine fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.1950	Aquatic field fish/invertebrate testing	510482-06	Security Equipment Corporation	OWN	1
850.2100	Avian acute oral toxicity	510482-06	Security Equipment Corporation	OWN	1
850.2200	Avian dietary toxicity	510482-06	Security Equipment Corporation	OWN	1
850.2300	Avian reproduction	510482-06	Security Equipment Corporation	OWN	1
850.2400	Wild mammal acute toxicity	510482-06	Security Equipment Corporation	OWN	1
850.2500	Terrestrial field testing	510482-06	Security Equipment Corporation	OWN	1
850.3040	Field testing for pollinators	510482-06	Security Equipment Corporation	OWN	1

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**Product Name:**  
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**Ingredient(s):** 2% Capsaicin and related capsaicinoids (CAS Number 8023-77-6)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
850.4100	Terrestrial plant toxicity, seedling emergence	510482-06	Security Equipment Corporation	OWN	1
850.4150	Terrestrial plant toxicity, vegetative vigor	510482-06	Security Equipment Corporation	OWN	1
850.4225	Nontarget plant	510482-06	Security Equipment Corporation	OWN	1
850.4225	Seedling emergence	510482-06	Security Equipment Corporation	OWN	1
850.4250	Nontarget plant	510482-06	Security Equipment Corporation	OWN	1
850.4250	Vegetative vigor	510482-06	Security Equipment Corporation	OWN	1
850.4300	Nontarget plant	510482-06	Security Equipment Corporation	OWN	1
850.4450	Nontarget plant	510482-06	Security Equipment Corporation	OWN	1
870.1100	Acute oral toxicity	510482-05	Security Equipment Corporation	OWN	1
870.1200	Acute dermal toxicity	510482-05	Security Equipment Corporation	OWN	1
870.1300	Acute inhalation toxicity	510482-05	Security Equipment Corporation	OWN	1
870.2400	Primary eye irritation	510482-05	Security Equipment Corporation	OWN	1
870.2500	Primary dermal irritation	510482-05	Security Equipment Corporation	OWN	1
870.2600	Dermal sensitization	510482-05	Security Equipment Corporation	OWN	1
870.3100	90-day oral	510482-05	Security Equipment Corporation	OWN	1
870.3250	90-day dermal	510482-05	Security Equipment Corporation	OWN	1
870.3465	90-day inhalation	510482-05	Security Equipment Corporation	OWN	1
870.3700	Prenatal developmental	510482-05	Security Equipment Corporation	OWN	1
870.3800	Reproduction and fertility effects	510482-05	Security Equipment Corporation	OWN	1
870.4100	Chronic oral	510482-05	Security Equipment Corporation	OWN	1
870.4200	Carcinogenicity	510482-05	Security Equipment Corporation	OWN	1
870.5100	Bacterial reverse mutation test	510482-05	Security Equipment Corporation	OWN	1
870.5300	In vitro mammalian cell assay	510482-05	Security Equipment Corporation	OWN	1

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**Notes**

1. Waiver Request/Justification

**Signature:**

**Name and Title:**

Kim Davis, Consultant/Agent

**Date:**

2/14/2020